

Please  
enter  
9-30-04  
MB

Attorney's Docket No. 019952-167  
Application No. 09/937,062  
Page 2

### AMENDMENTS TO THE CLAIMS

*This listing of claims will replace all prior versions and listings of claims in this application.*

### LISTING OF CLAIMS

1. (Currently Amended) An implantable electrode lead having a distal end provided with at least one electrode to be implanted in a predetermined portion of a living body in order to perform at least one of transmission of an electrical stimulation pulse to a living body and sensing of an electrical signal from the living body, a proximal end provided with connecting means having at least one connecting terminal to be connected to an implantable medical instrument, and a lead body provided between said distal end and said proximal end and adapted to electrically connect said at least one electrode to said at least one connecting terminal,

said lead body comprising a helical parallel coil of a plurality of conductive wires respectively having different properties and insulated from each other, wherein said helical parallel coil is made by rolling the plurality of conductive wires in parallel with the same diameter so that the plurality of conductive wires are next to each other, and

said plurality of conductive wires electrically connecting said at least one electrode to said at least one connecting terminal in parallel so as to form a parallel circuit.